

FIG. 1

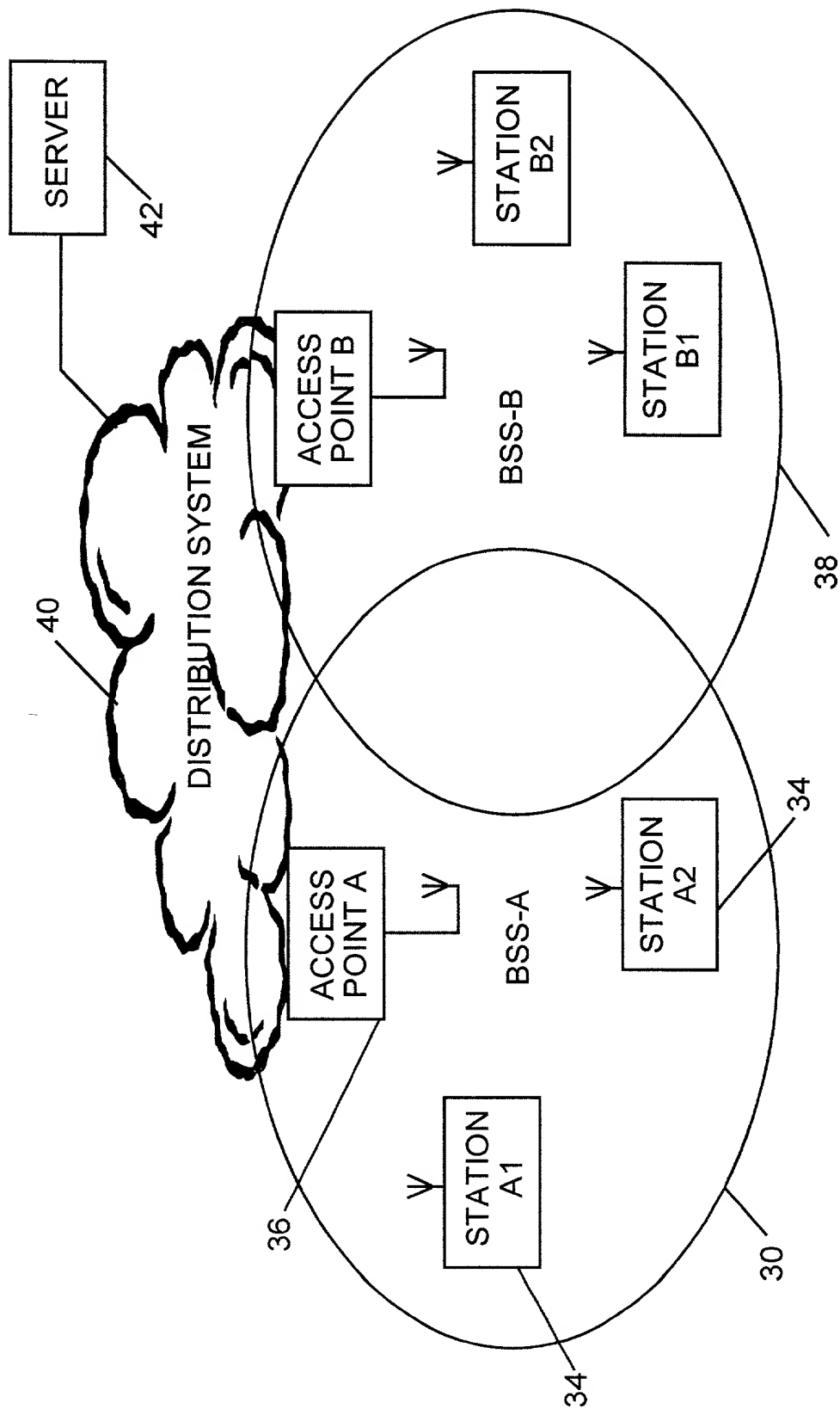


FIG. 2

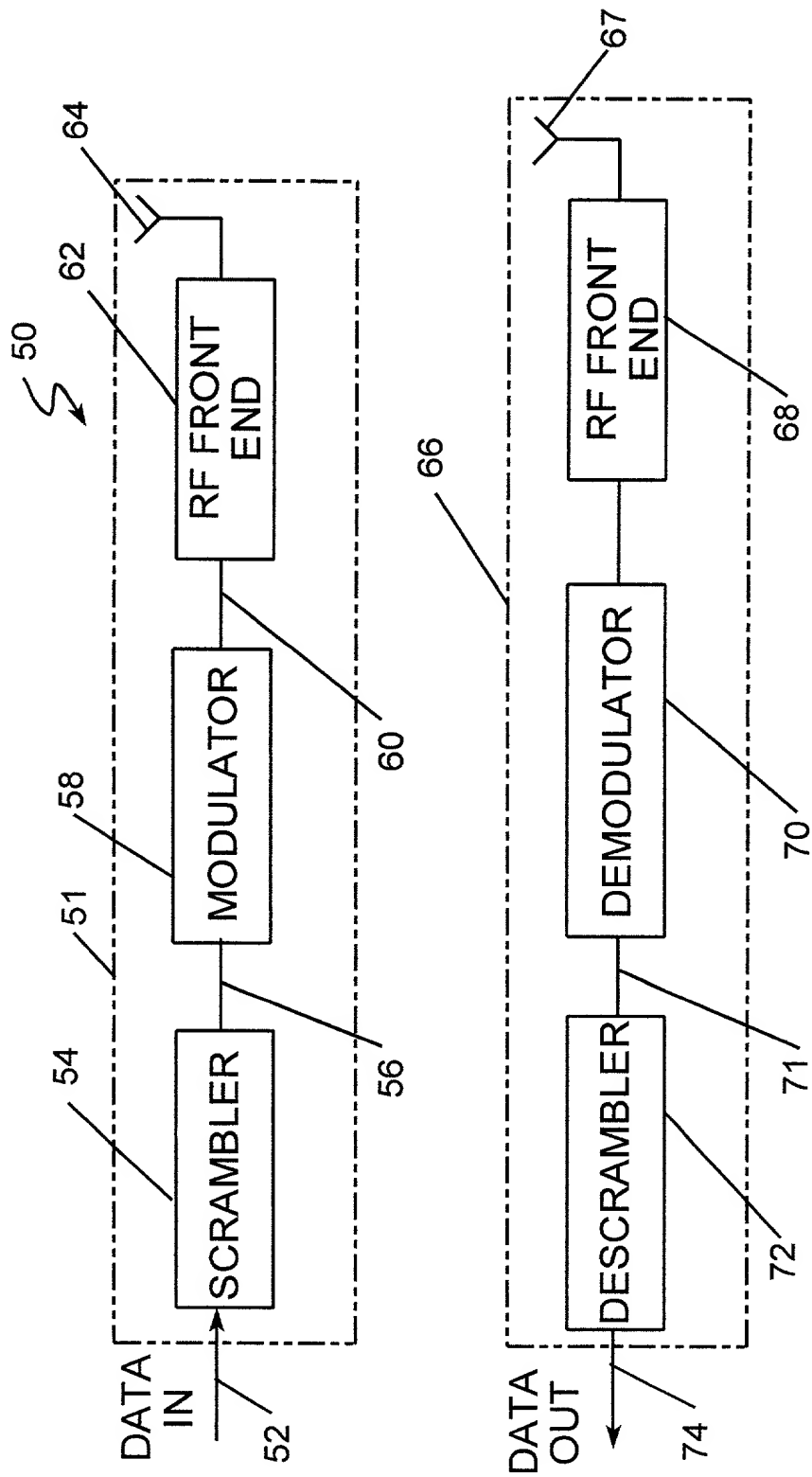


FIG. 3

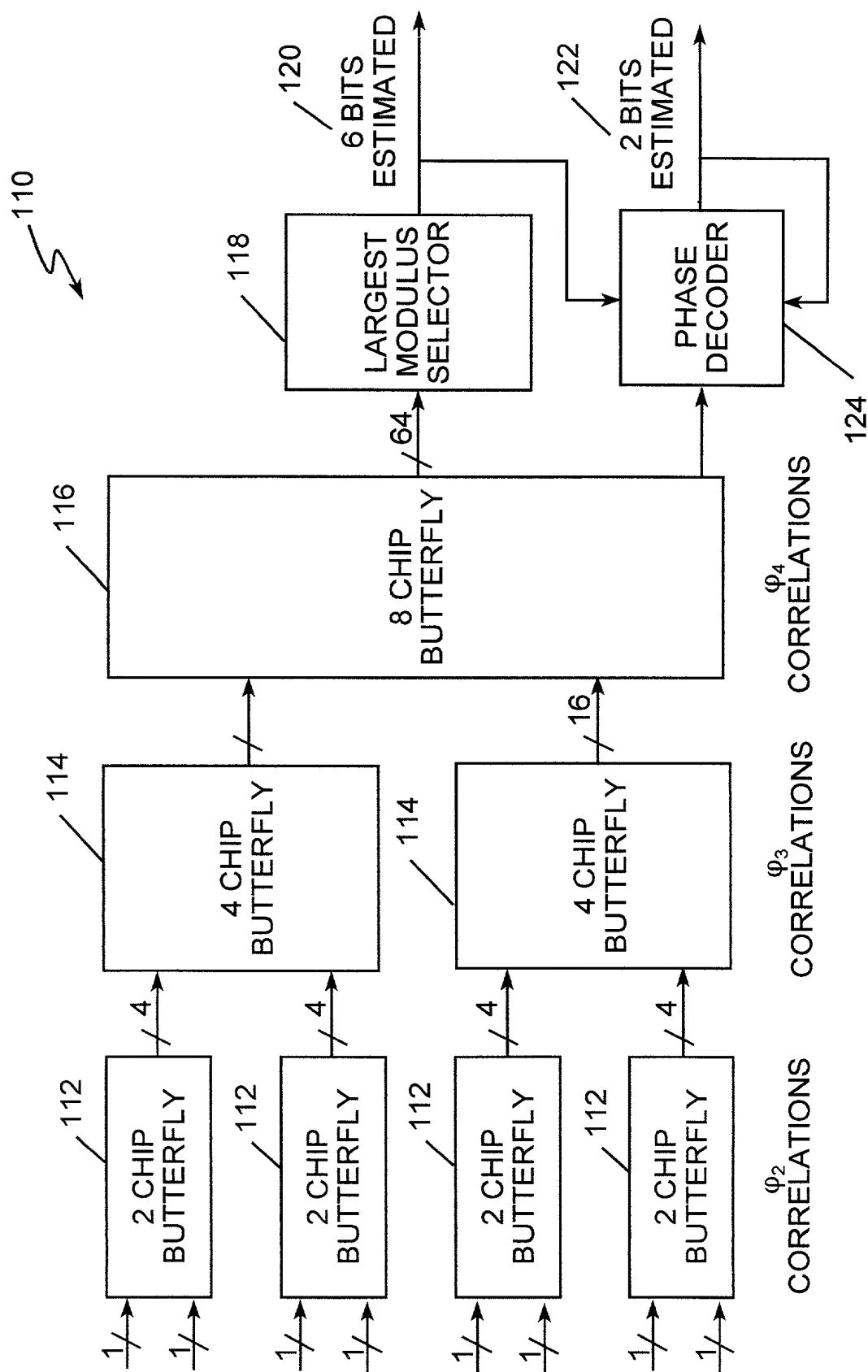


FIG. 4
(PRIOR ART)

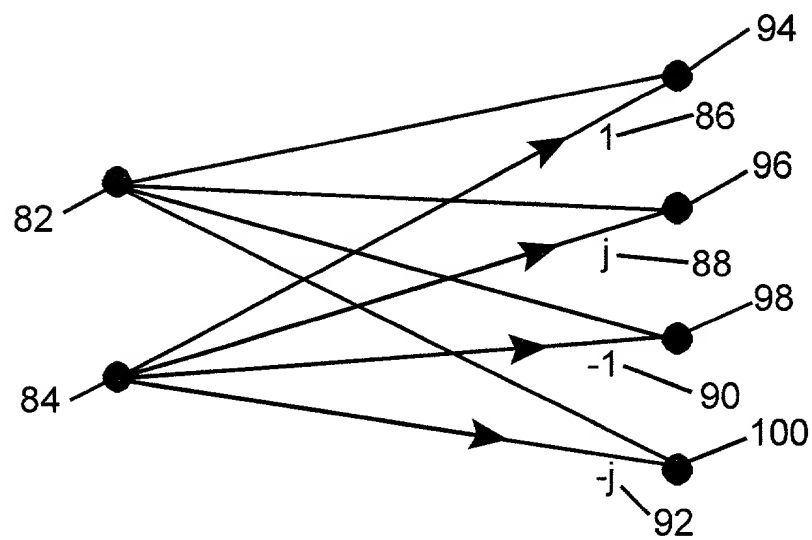


FIG. 5

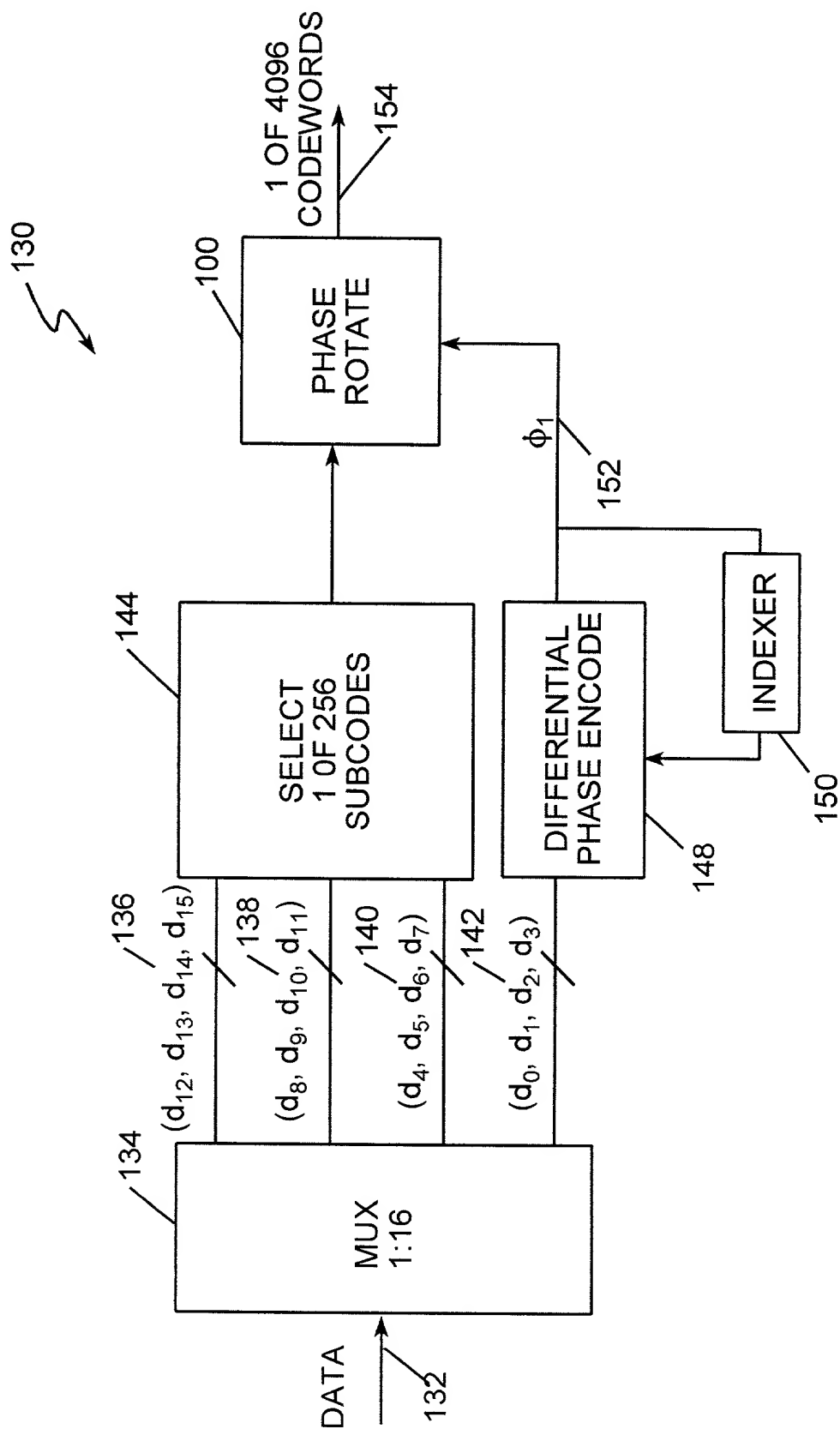


FIG. 6

164 $M_2 =$

$\exp(j\varphi_2)$	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
0	0	$\exp(j\varphi_2)$	0	0	0	0	0
0	0	0	-1	0	0	0	0
0	0	0	0	$\exp(j\varphi_2)$	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	$-\exp(j\varphi_2)$	0
0	0	0	0	0	0	0	1

162 $M_3 =$

$\exp(j\varphi_3)$	0	0	0	0	0	0	0
0	$\exp(j\varphi_3)$	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	0	1	0	0	0	0
0	0	0	0	$\exp(j\varphi_3)$	0	0	0
0	0	0	0	0	$\exp(j\varphi_3)$	0	0
0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	1

160 $M_4 =$

$\exp(j\varphi_4)$	0	0	0	0	0	0	0
0	$\exp(j\varphi_4)$	0	0	0	0	0	0
0	0	$\exp(j\varphi_4)$	0	0	0	0	0
0	0	0	$\exp(j\varphi_4)$	0	0	0	0
0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	1

FIG. 7

170

$$M_{2E} = \begin{bmatrix} \exp(j\phi_2+\psi_2) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \exp(j\phi_2+\psi_2) & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \exp(j\phi_2+\psi_2) & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & -\exp(j\phi_2+\psi_2) & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{bmatrix}$$

172

$$M_{3E} = \begin{bmatrix} \exp(j\phi_3+\psi_3) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \exp(j\phi_3+\psi_3) & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \exp(j\phi_3+\psi_3) & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \exp(j\phi_3+\psi_3) & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{bmatrix}$$

174

$$M_{4E} = \begin{bmatrix} \exp(j\phi_4+\psi_4) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \exp(j\phi_4+\psi_4) & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \exp(j\phi_4+\psi_4) & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \exp(j\phi_4+\psi_4) & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{bmatrix}$$

FIG. 8

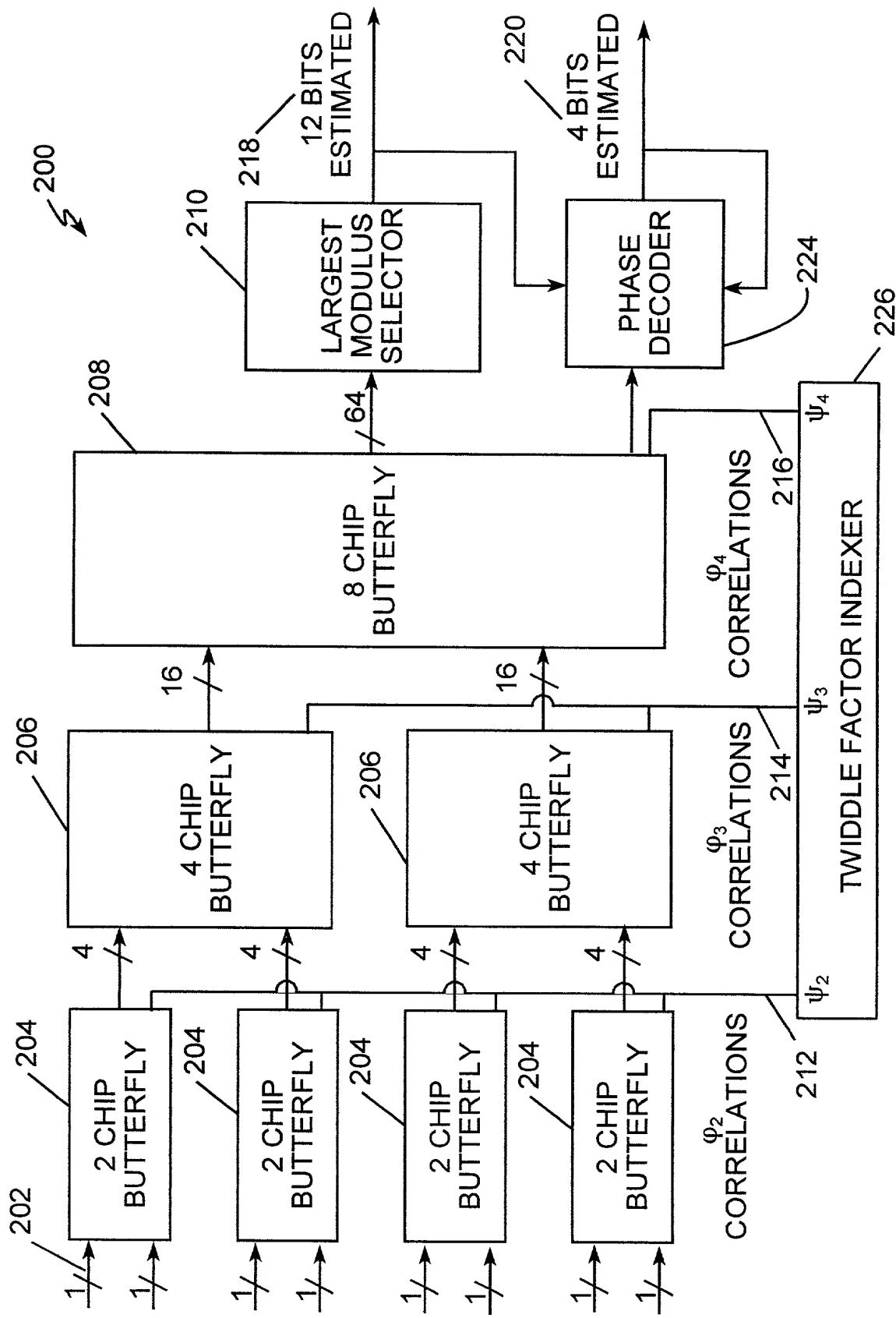


FIG. 9

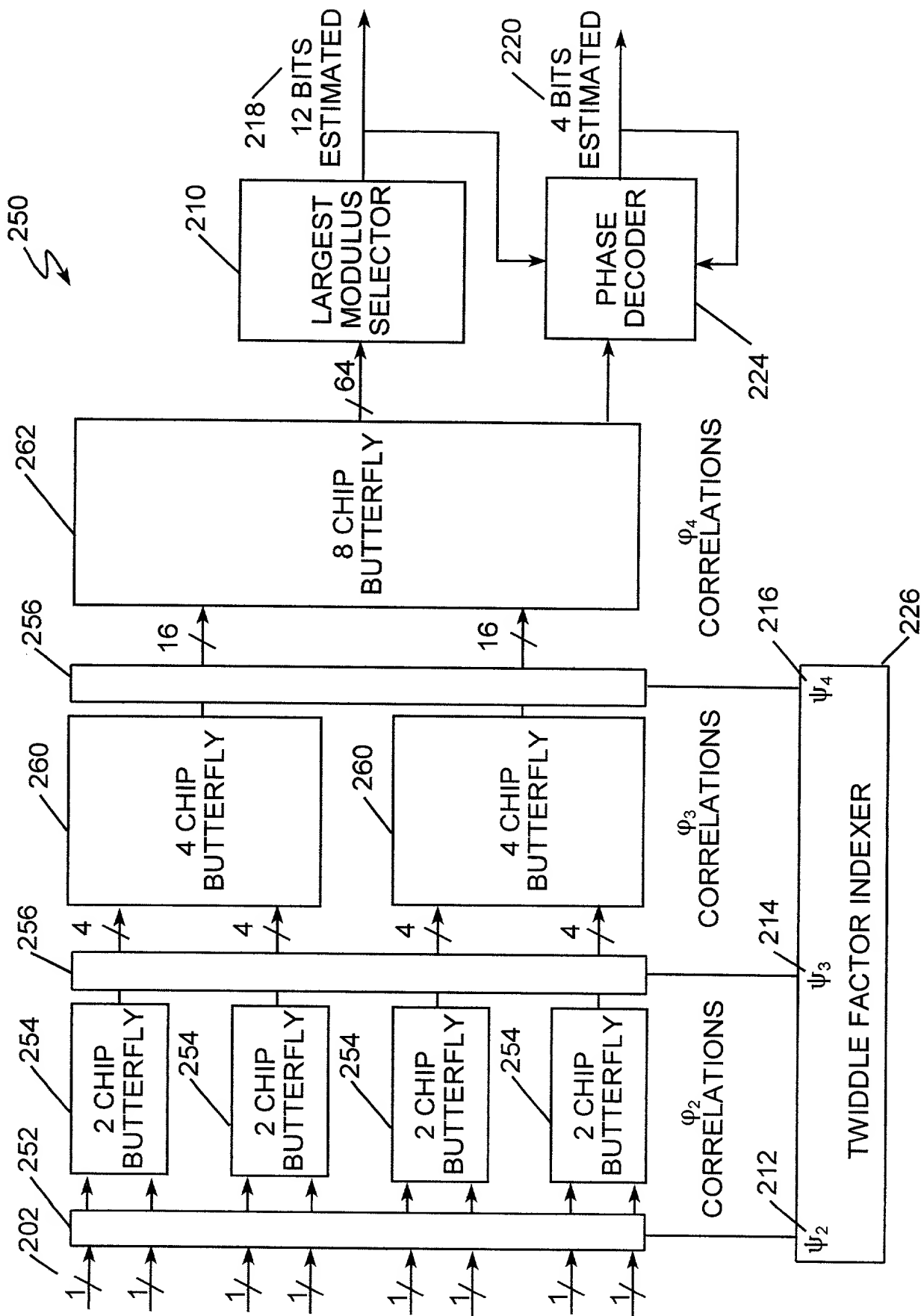


FIG. 10